



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application of

Kazuhiko Hayashi

Serial No. : 09/916,529

Group Art Unit: 2652

Filed: July 30, 2001

Examiner: Klimowicz, William Joseph

For: MAGNETO-RESISTANCE EFFECT ELEMENT, MAGNETO-  
RESISTANCE EFFECT HEAD, MAGNETO-RESISTANCE  
TRANSDUCER SYSTEM, AND MAGNETIC STORAGE SYSTEM

10/fect  
5/15/03  
OK

Box Non-Fee Amendment  
Assistant Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

RECEIVED

MAY 08 2003

Technology Center 2600

## RESPONSE TO ELECTION OF SPECIES REQUIREMENT

Sir:

In response to the office action mailed April 11, 2003, the applicants elect  
the Species 1c (Figure 12). Claims 1 to 9 are readable on the elected species.

Please proceed to examination on the merits.

Very truly yours,

Michael E. Whitham  
Reg. No. 32,635

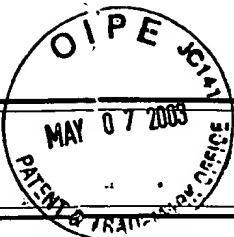
Whitham, Curtis & Christofferson, P.C.  
11491 Sunset Hills Road, Suite 340  
Reston, VA 20190

703-787-9400



30743

PATENT TRADEMARK OFFICE



**TRANSMITTAL LETTER**  
**(General - Patent Pending)**

Docket No.  
**02230028AA**

In Re Application Of: **Kazuhiko Hayashi et al.**

Serial No.

**09/916,529**

Filing Date

**7-30-01**

Examiner

**Klimowicz, William Joseph**

Group Art Unit

**2652**

Title: **MAGNETO-RESISTANCE EFFECT ELEMENT, MAGNET-RESISTANCE EFFECT HEAD,  
MAGNETO-RESISTANCE TRANSDUCER SYSTEM, AND MAGNETIC STORAGE SYSTEM**

**TO THE ASSISTANT COMMISSIONER FOR PATENTS:**

Transmitted herewith is:

- 1 Response Requirement Submission**
- 1 postcard + copy**
- 1 transmittal letter**

**RECEIVED**

**MAY 08 2003**

**Technology Center 2600**

in the above identified application.

- ☒ No additional fee is required.
- ☐ A check in the amount of \_\_\_\_\_ is attached.
- ☒ The Assistant Commissioner is hereby authorized to charge and credit Deposit Account No. **50-2041** as described below. A duplicate copy of this sheet is enclosed.
  - ☐ Charge the amount of \_\_\_\_\_
  - ☒ Credit any overpayment.
  - ☒ Charge any additional fee required.

  
Signature

Dated: **5-7-03**

**Whitham, Curtis & Christofferson P.C.**  
**Michael E. Whitham**  
**11491 Sunset Hills Road**  
**Suite 340**  
**Reston, VA, 20190**  
**703-787-9400**



**30743**

PATENT TRADEMARK OFFICE

CC:

I certify that this document and fee is being deposited on \_\_\_\_\_ with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

*Signature of Person Mailing Correspondence*

*Typed or Printed Name of Person Mailing Correspondence*